

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001378

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G01N 33/68, G01N 33/53, C12N 9/66, C12Q 1/68, A61K 38/57, C07K 14/81  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G01N, C12N, C12Q, A61K, C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPO-INTERNAL, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 9118290 A1 (GRADUATE HOSPITAL FOUNDATION RESEARCH CORPORATION), 28 November 1991 (28.11.1991), claims 1-3 --	1-15
Y	WO 02056025 A2 (INTEGRATIVE PROTEOMICS, INC.), 18 July 2002 (18.07.2002), page 31, line 28 - line 39; page 25, line 25 - line 31, figure 10 --	1-15
A	WO 0250287 A2 (ARRIVA PHARMACEUTICALS, INC.), 27 June 2002 (27.06.2002), claims 27,33 --	1-15

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

12 January 2005

Date of mailing of the international search report

13-01-2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 8901625 A1 (GRADUATE HOSPITAL FOUNDATION RESEARCH CORPORATION), 23 February 1989 (23.02.1989), claims 1-5 --	1-15
A	Human Molecular Genetics, Volume 11, No. 5, 2002, Ladina Joos et al, 'The role of matrix metalloproteinase polymorphisms in the rate of decline in lung function', pages 569-576, table 2-4 --	1-15
A	Am. J. Pharmacogenomics, Volume 2, No. 3, 2002, Alison M. Wallace et al, 'Genetic Polymorphisms of Matrix Metalloproteinases', pages 167-175, figure 1, table II -- -----	1-15

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				US	6797523 B	28/09/2004
				US	20020102741 A	01/08/2002
WO	0250287	A2	27/06/2002	AU	4166102 A	01/07/2002
				CA	2430973 A	27/06/2002
				EP	1366175 A	03/12/2003
				US	20030073217 A	17/04/2003
WO	8901625	A1	23/02/1989	AU	2311688 A	09/03/1989